

**COMBINED SUPPLEMENTAL DECLARATION FOR PATENT APPLICATION
AND POWER OF ATTORNEY**

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

EXPRESS MAIL
LABEL NO.

EV260267139US

ATTORNEY DOCKET NO.: 053706-5001

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR HIGH-PERFORMANCE SEQUENCE COMPARISON

the specification of which:

is attached hereto; or

was filed as United States application Serial No. _____ on _____ and was amended _____ (if applicable); or

was filed as PCT international application Number _____ on _____ and was amended under PCT Article 19
on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN APPLICATION(S):

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

Combined Declaration For Patent Application and Power of Attorney - (Continued)
(includes Reference to PCT International Applications)
ATTORNEY DOCKET NO.: 053706-5001

I hereby claim the benefits under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. PROVISIONAL APPLICATIONS

U.S. PROVISIONAL APPLICATION NO.

U.S. FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or §365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

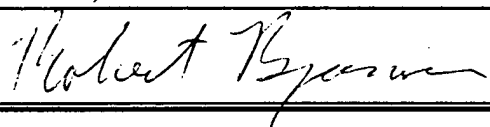
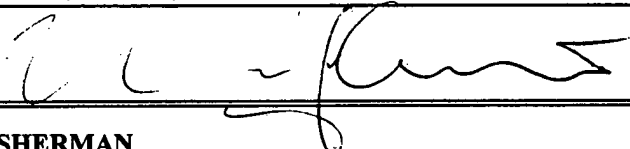

Customer Number: 009629

Direct Telephone Calls To:
(name and telephone number)

Daniel H. Golub
(215)963-5000

Combined Declaration For Patent Application and Power of Attorney - (Continued)
 (includes Reference to PCT International Applications)
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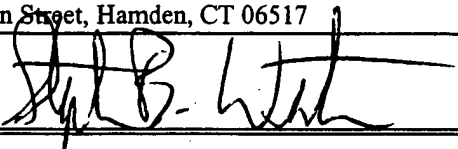
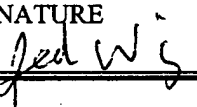
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Robert D. BJORNSON	
RESIDENCE & CITIZENSHIP	Branford, Connecticut	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	6 Tyler Avenue, Branford, CT 06405	
FIRST OR SOLE INVENTOR'S SIGNATURE		DATE 5/19/01
FULL NAME OF SECOND INVENTOR	Nicholas J. CARRIERO	
RESIDENCE & CITIZENSHIP	Hamden, Connecticut	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	827 Still Hill Road, Hamden, CT 06518	
SECOND INVENTOR'S SIGNATURE		DATE 19/1/2001
FULL NAME OF THIRD INVENTOR	Andrew H. SHERMAN	
RESIDENCE & CITIZENSHIP	North Haven, Connecticut	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	1 Crestview Drive, North Haven, CT 06473	
THIRD INVENTOR'S SIGNATURE		DATE 3/19/2001

Listing of Inventors Continued on attached page(s) ☒ Yes ☐ No

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FULL NAME OF FOURTH INVENTOR	Stephen B. WESTON	
RESIDENCE & CITIZENSHIP	Hamden, Connecticut	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	89 Carleton Street, Hamden, CT 06517	
FOURTH INVENTOR'S SIGNATURE		DATE 3/19/2001
FULL NAME OF FIFTH INVENTOR	James E. WING	
RESIDENCE & CITIZENSHIP	New Haven, Connecticut	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	265 College Street, Apt. #3D, New Haven, CT 06510	
FIFTH INVENTOR'S SIGNATURE		DATE 3/19/2001
FULL NAME OF SIXTH INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
SIXTH INVENTOR'S SIGNATURE		DATE
FULL NAME OF SEVENTH INVENTOR		
RESIDENCE & CITIZENSHIP		COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS		
SEVENTH INVENTOR'S SIGNATURE		DATE

Listing of Inventors Continued on attached page(s) [] Yes [X] No